

### Recombinant Human Legumain protein (Tagged) ab198767

#### 描述

<b>产品名称</b>	重组人Legumain蛋白(Tagged)
<b>纯度</b>	> 90 % SDS-PAGE. ab198767 was refolded using a unique temperature shift inclusion body refolding technology and chromatographically purified.
<b>表达系统</b>	Escherichia coli
<b>Accession</b>	<b><u>Q95M12</u></b>
<b>蛋白长度</b>	Full length protein
<b>无动物成分</b>	No
<b>性质</b>	Recombinant
<b>种属</b>	Human
<b>序列</b>	<pre> MASMTGGQQMGRGHHHHHGNLYFQGGEFVPIDDPEDGGKHW VVIVAGSN GWYNYRHQADACHAYQIIHRNGIPDEQIVVMYDDIAYSEDN PTPGIVIN RPNGTDVYQGVPKDYTGEDVTPQNFLAVLRGDAEAVKIGISG KVLKSGPQ DHVFIYFTDHGSTGILVFPNEDLHVKDLNETIHMYKHKMYR KMFYIEA CESGSMNHLPDNINVYATTAANPRESSYACYDEKRSTYLG DWYSVNW EDSDVEDLTKETLHKQYHLVKSHNTNTSHVMQYGNKTISTMKV MQFQGMKR KASSPVPLPPVTHLDLTPSPDVPLTIMKRKLMNTNDLEESRQ LTEEIQRH LDARHLIEKSVRKIVSLLAASEAEVEQLLSERAPLTGHSCYP EALLHFRT HCFNWHSPTYEYALRHLYVLVNLCEKPYPLHRIKLSMDHVCL GHY </pre>
<b>预测分子量</b>	51 kDa including tags
<b>氨基酸</b>	18 to 433
<b>额外的序列信息</b>	This is the mature protein without the signal peptide expressed with a 29 amino acid N-terminal T7-His-TEV cleavage tag.

#### 技术指标

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Our **Abpromise guarantee** covers the use of **ab198767** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	SDS-PAGE
形式	Liquid

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#### 制备和贮存

稳定性和存储	Shipped at 4°C. Upon delivery aliquot. Store at -80°C. Avoid freeze / thaw cycle. pH: 8.00 Constituent: 0.32% Tris HCl  Contains NaCl, KCl, Sucrose and DTT.
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#### 常规信息

功能	Has a strict specificity for hydrolysis of asparaginyl bonds. Can also cleave aspartyl bonds slowly, especially under acidic conditions. May be involved in the processing of proteins for MHC class II antigen presentation in the lysosomal/endosomal system.
组织特异性	Ubiquitous. Particularly abundant in kidney, heart and placenta.
序列相似性	Belongs to the peptidase C13 family.
翻译后修饰	Glycosylated.
细胞定位	Lysosome.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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